

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

ELBRIDGE, B.

Appl. No.: 09/364,788

Filed: July 30, 1999

Title: INTERCONNECT ASSEMBLIES AND METHODS

Confirmation No.:

Group Art Unit: 2839

Examiner: NGUYEN, S.

April 6, 2001

* * * * *

AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated November 9, 2000, please amend the above identified application as follows:

IN THE TITLE:

Please enter the following amended title:

INTERCONNECT ASSEMBLIES

IN THE CLAIMS:

Please cancel claims 1-16, 31, 32, and 39-42 without prejudice or disclaimer.

Please add the following new claims:

43. An interconnect assembly comprising:
a substrate having an outwardly facing surface defining a bond pad;
a resilient contact element having a proximal end portion fixed relative to said outwardly facing surface and in communication with said bond pad, said resilient contact element including a resilient material contact layer and a conductive material contact layer;
said resilient contact element being formed by depositing an insulative material layer on said outwardly facing surface except said bond pad, depositing a conductive material layer on a portion of the insulative material layer in communication with said bond pad, depositing a sacrificial material layer on the insulative material layer, plating said resilient material contact layer on the sacrificial material layer in communication with the conductive material

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): ELDRIDGE

Appln. No.: 09

364,788

Series Code ↑

Serial No. ↑

Filed: July 30, 1999

Hon. Commissioner of Patents

Washington, D.C. 20231

Group Art Unit 283

Examiner: NGUYEN, S.

Atty. Dkt. P 277052 P084

M#

Client Ref

Appln. Title: INTERCONNECT ASSEMBLIES AND METHODS

Date: April 6, 2001

REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

A. ☐ NOT madeB. ☐ WithdrawnC. ☐ made herewithD. ☐ made previously

For B & C

See RequiredSeparate Paper

(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	15	**minus 42	0	x \$18/\$9 = + \$0	103/203
3. Independent Claims	2	***minus 5	0	x \$80/\$40 = + \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) add				+ \$270/\$135 = + \$0	104/204
5. Original due Date: February 9, 2001		<input type="checkbox"/> NONE			
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo) \$110/\$55 = (2 mos) \$390/\$195 = (3 mos) \$890/\$445 = (Usable only for ≤ 2mo.OA --- 4 mos) \$1390/\$695= (Usable only for 30 day/1mo.OA --- 5 mos) \$1890/\$945=	+ \$390		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract			- \$0		
8. Extension Fee Attached			+ \$390		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee			+ \$110/\$55		+ \$0 148/248
10. If IDS attached requires Official Fee under Rule 97 (c), add			+ \$180		126
or if Rule 97(d) Request add			+ \$180		126
11. After-Final Request Fee per rules 129(a) and 17(r)			+ \$710/355		+ \$0 146/246
12. No. of additional inventions for examination per Rule 129(b)			x \$710/355 ea		+ \$0 149/249
13. Request for Continued Examination (RCE)			+ \$710/355		+ \$0 1179/1279
14. Petition fee for			+ \$0		
15. TOTAL FEE ENCLOSED =			+ \$390		

16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 031697 277052

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP

Intellectual Property Group

By Atty: Gregory P. Brummett

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments